



DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **A METHOD FOR MATCHING THE INTENSITY OF A SENSOR ARRAY TO DETECTION THRESHOLD** the specification of which is attached hereto or X was filed on April 16, 1999 as Application No. 09/293,669 and was amended on (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/082,095	April 17, 1998

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

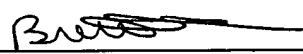
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

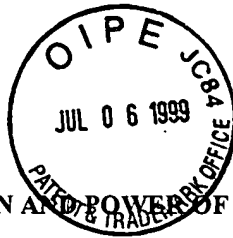
Joseph R. Snyder, Reg. No. 39,381
Eugenia Garrett-Wackowski, Reg. No. 37,330
William M. Smith, Reg. No. 30,223

Send Correspondence to: Joseph R. Snyder TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: Joseph R. Snyder Reg. No.: 39,381 Telephone: 415-576-0200
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Full Name of Inventor 1:	Last Name: DOLEMAN	First Name: BRETT	Middle Name or Initial: J.	
Residence & Citizenship:	City: Pasadena	State/Foreign Country: California	Country of Citizenship: CA	
Post Office Address:	Post Office Address: 4 Bayside Village Place, Apt. 106	City: San Francisco	State/Country: California	Postal Code: 94107
Full Name of Inventor 2:	Last Name: LEWIS	First Name: NATHAN	Middle Name or Initial: S.	
Residence & Citizenship:	City: La Canada	State/Foreign Country: California	Country of Citizenship: US	
Post Office Address:	Post Office Address: 5259 Gould Avenue	City: La Canada	State/Country: California	Postal Code: 91108
Full Name of Inventor 3:	Last Name: SEVERIN	First Name: ERIK	Middle Name or Initial: J.	
Residence & Citizenship:	City: San Marino	State/Foreign Country: California	Country of Citizenship: US	
Post Office Address:	Post Office Address: 1440 Orlando Avenue	City: San Marino	State/Country: California	Postal Code: 91108

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  BRETT J. DOLEMAN	Signature of Inventor 2 _____ NATHAN S. LEWIS	Signature of Inventor 3 _____ ERIK J. SEVERIN
Date <u>June 24 / 1999</u>	Date	Date



DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **A METHOD FOR MATCHING THE INTENSITY OF A SENSOR ARRAY TO DETECTION THRESHOLD** the specification of which is attached hereto or X was filed on April 16, 1999 as Application No. 09/293,669 and was amended on (if applicable).

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Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/082,095	April 17, 1998

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status




POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Joseph R. Snyder, Reg. No. 39,381
Eugenia Garrett-Wackowski, Reg. No. 37,330
William M. Smith, Reg. No. 30,223

Send Correspondence to: Joseph R. Snyder TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: Joseph R. Snyder Reg. No.: 39,381 Telephone: 415-576-0200
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Full Name of Inventor 1:	Last Name: DOLEMAN	First Name: BRETT	Middle Name or Initial: J.	
Residence & Citizenship:	City: Pasadena	State/Foreign Country: California	Country of Citizenship: CA	
Post Office Address:	Post Office Address: 378 S. Catalina Ave., #202	City: Pasadena	State/Country: California	Postal Code: 91106
Full Name of Inventor 2:	Last Name: LEWIS	First Name: NATHAN	Middle Name or Initial: S.	
Residence & Citizenship:	City: La Canada	State/Foreign Country: California	Country of Citizenship: US	
Post Office Address:	Post Office Address: 5259 Gould Avenue	City: La Canada	State/Country: California	Postal Code: 91108
Full Name of Inventor 3:	Last Name: SEVERIN	First Name: ERIK	Middle Name or Initial: J.	
Residence & Citizenship:	City: San Marino	State/Foreign Country: California	Country of Citizenship: US	
Post Office Address:	Post Office Address: 1440 Orlando Avenue	City: San Marino	State/Country: California	Postal Code: 91108

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
		
BRETT J. DOLEMAN	NATHAN S. LEWIS	ERIK J. SEVERIN
Date	Date 5/24/99	Date 6/27/99



Atty. Docket No. 018564-002110US

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(e)) - SMALL BUSINESS CONCERN

Applicant or Patentee: Brett J. Doleman, Nathan S. Lewis, and Erik J. Severin
Application or Patent No.: 09/293,669
Filed or Issued: April 16, 1999
Title: A METHOD FOR MATCHING THE INTENSITY OF A SENSOR ARRAY TO DETECTION THRESHOLD

I hereby declare that I am:



the owner of the small business concern identified below:
an official of the small business concern empowered to act on behalf of the concern identified below:

Name of Small Business Concern: Cyrano Sciences, Inc.
Address of Small Business Concern: 73 N. Vinedo Avenue
Pasadena, CA 91107

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled A METHOD FOR MATCHING THE INTENSITY OF A SENSOR ARRAY TO DETECTION THRESHOLD by inventor(s) Brett J. Doleman, et al. described in:



the specification filed herewith.
Application No. 09/293,669, filed April 16, 1999.
Patent No. _____, issued _____.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern that would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

Name California Institute of Technology
Address Mail Code 210-85, 1200 E. California Blvd.
Pasadena, CA 91125

☐ Individual ☐ Small Business Concern ☒ University

Name _____
Address _____
☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of Person Signing: Steven A. Sunshine
Title of Person if Other than Owner: President and CEO
Address of Person Signing: 73 N. Vinedo Avenue
Pasadena, CA 91107

Signature [Signature]

Date 5-20-99



VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) and 1.27(d)) - NONPROFIT ORGANIZATION

Applicant or Patentee: Brett J. Doleman, Nathan S. Lewis, and Erik J. Severin
Application or Patent No.: 09/293,669
Filed or Issued: April 16, 1999
Title: A METHOD FOR MATCHING THE INTENSITY OF A SENSOR ARRAY TO DETECTION THRESHOLD

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

Name of Nonprofit Organization: California Institute of Technology
Address of Nonprofit Organization: Mail Code 210-85
1200 E. California Blvd.
Pasadena, CA 91125

Type of Nonprofit Organization:

☒ University or other institution of higher education
☐ Tax exempt under Internal Revenue Service Code [26 USC 501(a) and 501(c)(3)]
☐ Nonprofit scientific or educational under statute of state or the United States of America
(Name of state)
(Citation of statute)
☐ Would qualify as tax exempt under Internal Revenue Service Code [26 USC 501(a) and 501(c)(3)] if located in the United States of America
☐ Would qualify as nonprofit scientific or educational under statute of state of the United States of America if located in the United States of America
(Name of state)
(Citation of statute)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees to the United States Patent and Trademark Office regarding the invention, entitled A METHOD FOR MATCHING THE INTENSITY OF A SENSOR ARRAY TO DETECTION THRESHOLD by inventor(s) Brett J Doleman, *et al.* described in:

☐ the specification filed herewith.
☒ Application No. 09/293,669, filed April 16, 1999.
☐ Patent No. , issued

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization regarding the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights in the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern that would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

Name Cyrano Sciences, Inc.
Address 73 N. Vinedo Avenue
Pasadena, CA 91107
☐ Individual ☒ Small Business Concern ☐ Nonprofit Organization

Name _____
Address _____
☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

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Name of Person Signing: Adam Cochran
Title in Organization of Person Signing: Intellectual Property Counsel
Address of Person Signing: California Institute of Technology
Mail Code 210-85
1200 E. California Blvd.
Pasadena, CA 91125

Signature [Signature]
SF 219470 v1

Date MAY 24 1999